



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PROGRAM DEVELOPMENT & ADMINISTRATION DIVISION
SUITE 600, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-3301

CLAY BRIGHT
COMMISSIONER

BILL LEE
GOVERNOR

TO: Will Reid, Assistant Chief Engineer of Program Delivery

FROM: *RP* Ronnie Porter, Director, Program Development and Administration Division

SUBJECT: **Proprietary Item Request and Justification for The City of Lexington for Dumar Benches with backs, Dumar benches without backs and Neenah tree grates**

I, Ronnie Porter, Director of the Program Development and Administration Division, request approval for the City of Lexington to be certified to utilize the following proprietary item(s) over the next three years, where Federal funding is used:

Dumar benches with and without backs

Neenah tree grates

Justification

Per Code of Federal Regulations 23 CFR 365.411. The benches and tree grates are essential for synchronization with existing facilities installed in previous phases. These benches and tree grates are necessary to match the visual appearance of the existing benches and tree grates.

If you have any questions or comments, please contact **Erin Rakus** at (615)532-1191 with the Local Programs Development Office or at Erin.Rakus@tn.gov.

I, Ronnie Porter, Program Development and Administration Division Director, of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary item(s) as listed above is essential for the synchronization with existing facilities or no equally suitable alternative exists for this patented or proprietary item as listed above.

Phillip Freeze
Phillip Freeze (Jun 2, 2021 10:40 CDT)

Recommendation for Approval

Will Reid
Will Reid (Jun 8, 2021 09:17 CDT)

Assistant Chief Engineer of Program Delivery

Jun 8, 2021

Date

May 5, 2021

Ms. Erin Rakus
Program Monitor
Local Programs Development Office
James K. Polk Bldg., 6th Floor
505 Deaderick Street
Nashville, TN 37243

Re: Proprietary Item Request and Justification
Lexington Downtown Improvement Project Phase II
TDOT Pin No. 126667.00, TLM Project No. J-6028

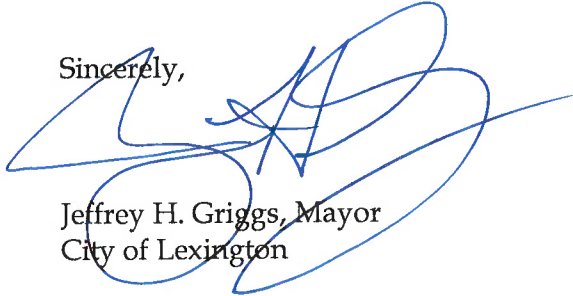
Dear Ms. Rakus:

The City of Lexington is requesting a certification to specify Dumor Benches and Neenah Tree Grates to be used as part of the design component for the phase II Downtown Improvement Project.

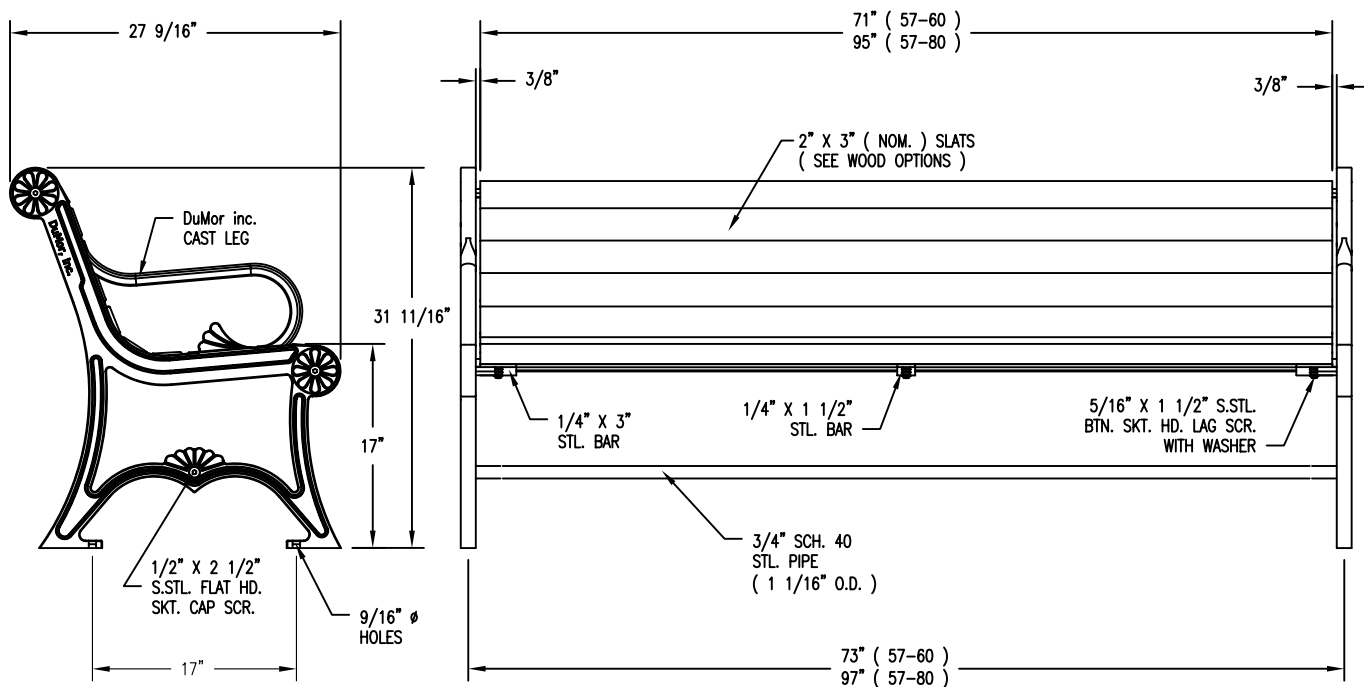
The City has completed a previous phase of the downtown enhancement project and the Henderson County TEA project, pin no. 116786.01, that included the installation of the above addressed benches and tree grates. These items are necessary to provide synchronization with the existing fixtures.

If you have any questions or require additional information, please do not hesitate to contact me at (731) 968-6657.

Sincerely,

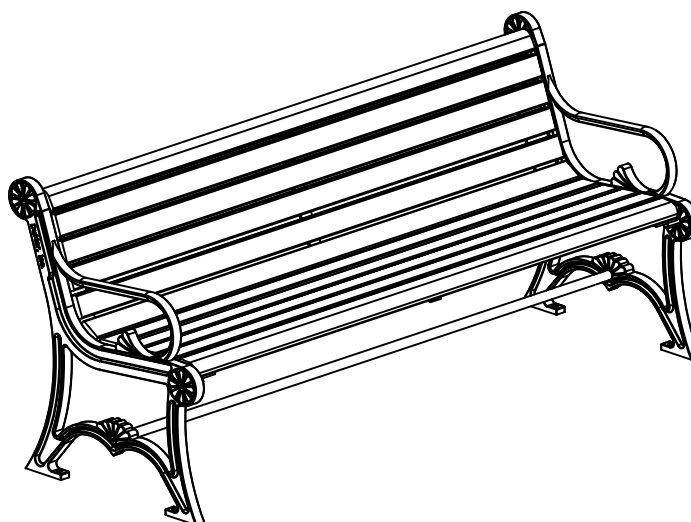


Jeffrey H. Griggs, Mayor
City of Lexington



LENGTH OPTIONS

- ☐ 6' BENCH
- ☐ 8' BENCH



☐ CUSTOM LETTERING (37 SPACES) _____

NOTES

- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
- 2.) ALL WOOD MEMBERS TREATED W/ CLEAR PRESERVATIVE.
- 3.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
- 4.) CUSTOM LETTERING AVAILABLE FOR RECESSED SIDE PANELS (TOTAL OF 37 SPACES).

WOOD OPTIONS

- ☐ 'C' & BTR. DOUGLAS FIR KD S4S EE
- ☐ IPE S4S EE
- ☐ OTHER _____

DuMor, inc.
P.O. Box 142 Mifflintown, PA 17059-0142

SCALE : NONE
DATE DRAWN : 3/22/94
DRAWN BY : AH
DATE REV. : 10/26/11
REV. BY : ESS

TITLE :

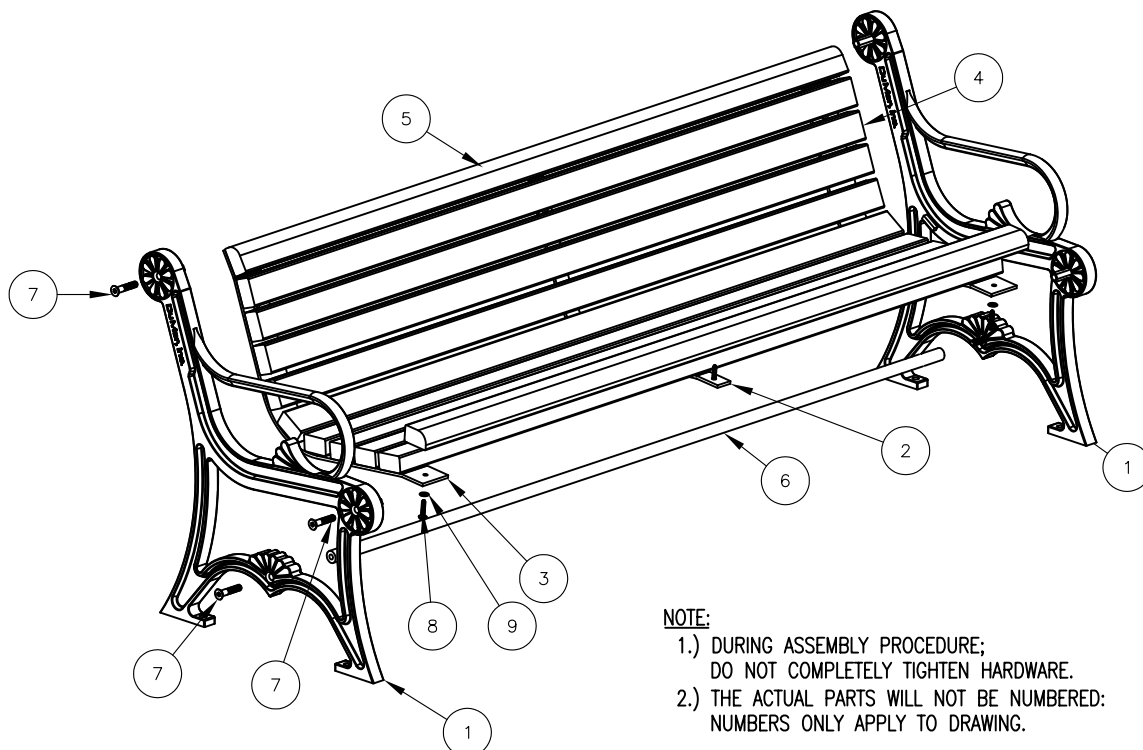
BENCH

REV.
H

DRAWING
NUMBER

57 SERIES

SHEET
1 OF 2



NOTE:

- 1.) DURING ASSEMBLY PROCEDURE;
DO NOT COMPLETELY TIGHTEN HARDWARE.
- 2.) THE ACTUAL PARTS WILL NOT BE NUMBERED;
NUMBERS ONLY APPLY TO DRAWING.

STEP 1:

USE 2 - PCS. CAST IRON BENCH SUPPORT (1)
 1 - PC. 71 3/4" PIPE BRACE (6)
 2 - PCS. 1/2" X 2 1/2" FLT. SKT. HD. CAP SCR. (7)
 ATTACH CAST IRON SUPPORT (1) TO 71 3/4" PIPE BRACE (6)
 USING HARDWARE (7). TIGHTEN TO SNUG FIT.

STEP 2:

USE 2 - PCS. END CONTOUR STRAP (3)
 4 - PCS. 1/2" X 2 1/2" FLT. SKT. HD. CAP SCR. (7)
 ATTACH END CONTOUR STRAPS (3) TO STEP 1 ASSEMBLY USING
 HARDWARE (7). TIGHTEN TO SNUG FIT.

STEP 3:

USE 9 - PCS. 2" X 3" X 71" WOOD INT'R SLAT (4)
 2 - PCS. 2" X 3" X 71" WOOD EDGE SLAT (5)
 22 - PCS. 5/16" X 1 1/2" SS. BTN. SKT. HD. LAG (8)
 22 - PCS. 5/16" SS. FLAT WASHER (9)
 ATTACH SLATS (4 & 5) TO STEP 2 ASSEMBLY USING
 HARDWARE (8 & 9). TIGHTEN TO SNUG FIT.

STEP 4:

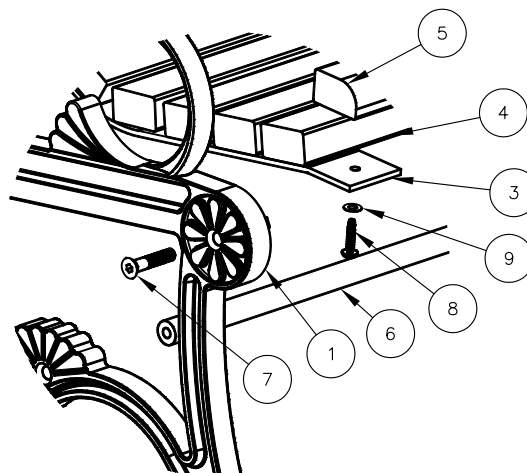
USE 1 - PC. CENTER STRAP (2)
 11 - PCS. 5/16" X 1 1/2" SS. BTN. SKT. HD. LAG (8)
 11 - PCS. 5/16" SS. FLAT WASHER (9)
 ATTACH CENTER STRAP (2) TO STEP 3 ASSEMBLY USING
 HARDWARE (8 & 9). TIGHTEN TO SNUG FIT.

STEP 5:

UPON COMPLETION OF BENCH ASSEMBLY SQUARE ALL COMPONENTS
 THEN TIGHTEN ALL HARDWARE.

STEP 6:

MOUNT AND ANCHOR AS SPECIFIED.



ITEM	QTY	PART NO	DESCRIPTION
1	2	0-57-00-02	CAST IRON BENCH SUPPORT
2	1	0-57-00-03	CENTER CONTOUR STRAP
3	2	0-57-00-05	END CONTOUR STRAP
4	9	0-57-60-01	2" X 3" X 71" WOOD INT'R SLAT
5	2	0-57-60-02	2" X 3" X 71" WOOD EDGE SLAT
6	1	0-57-60-04	71 3/4" PIPE BRACE
7	6	1-12-065	1/2" X 2 1/2" FLT SKT HD CAP SCR
8	33	1-13-023	5/16" X 1 1/2" SS BTN SKT HD LAG
9	33	1-22-017	5/16" SS FLAT WASHER



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SCALE : NONE

DATE DRAWN : 11/7/99

DRAWN BY : JSB

DATE REV. : 12/15/08

REV. BY : ESS

TITLE :

BENCH ASSEMBLY

REV.

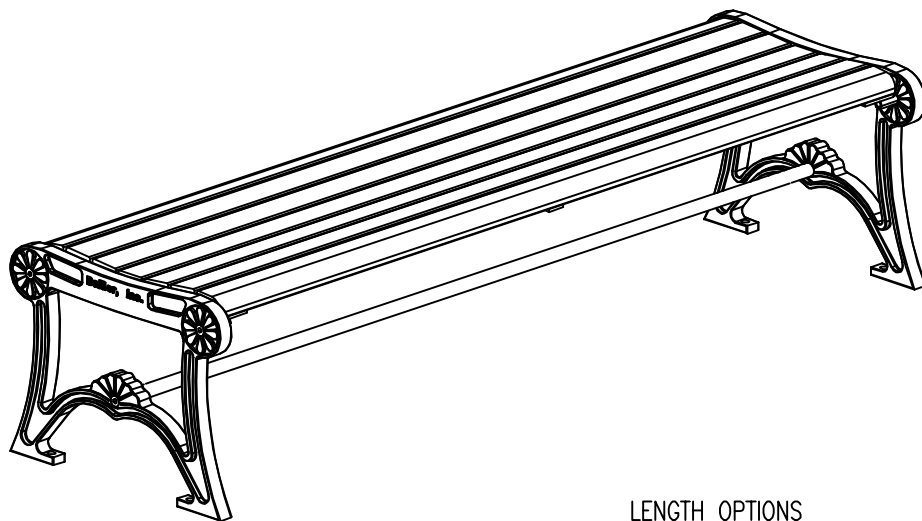
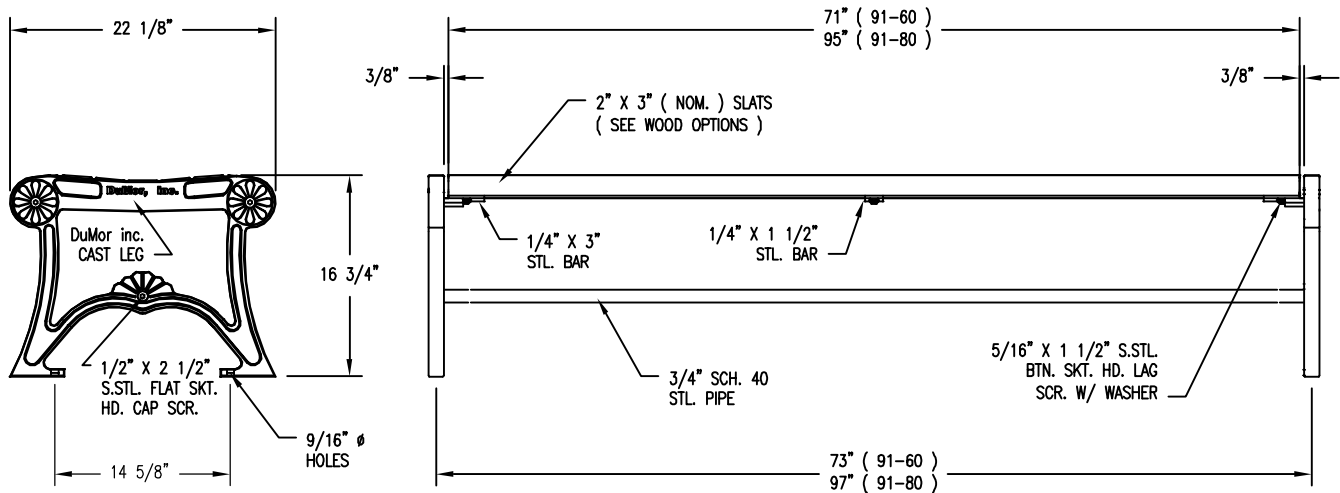
DRAWING
NUMBER

G

57 SERIES

SHEET

2 OF 2



LENGTH OPTIONS

- ☐ 6' BENCH
- ☐ 8' BENCH

NOTES

- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN POLYESTER POWDER COATED.
- 2.) WOOD MEMBERS TRTD. W/ CLEAR PRESERVATIVE.
- 3.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.

WOOD OPTIONS

- ☐ 'C' & BTR. DOUGLAS FIR S4S EE
- ☐ IPE S4S EE
- ☐ OTHER _____

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SCALE : NONE
DATE DRAWN : 10/18/98
DRAWN BY : AH
DATE REV. : 10/27/11
REV. BY : RDH

TITLE :

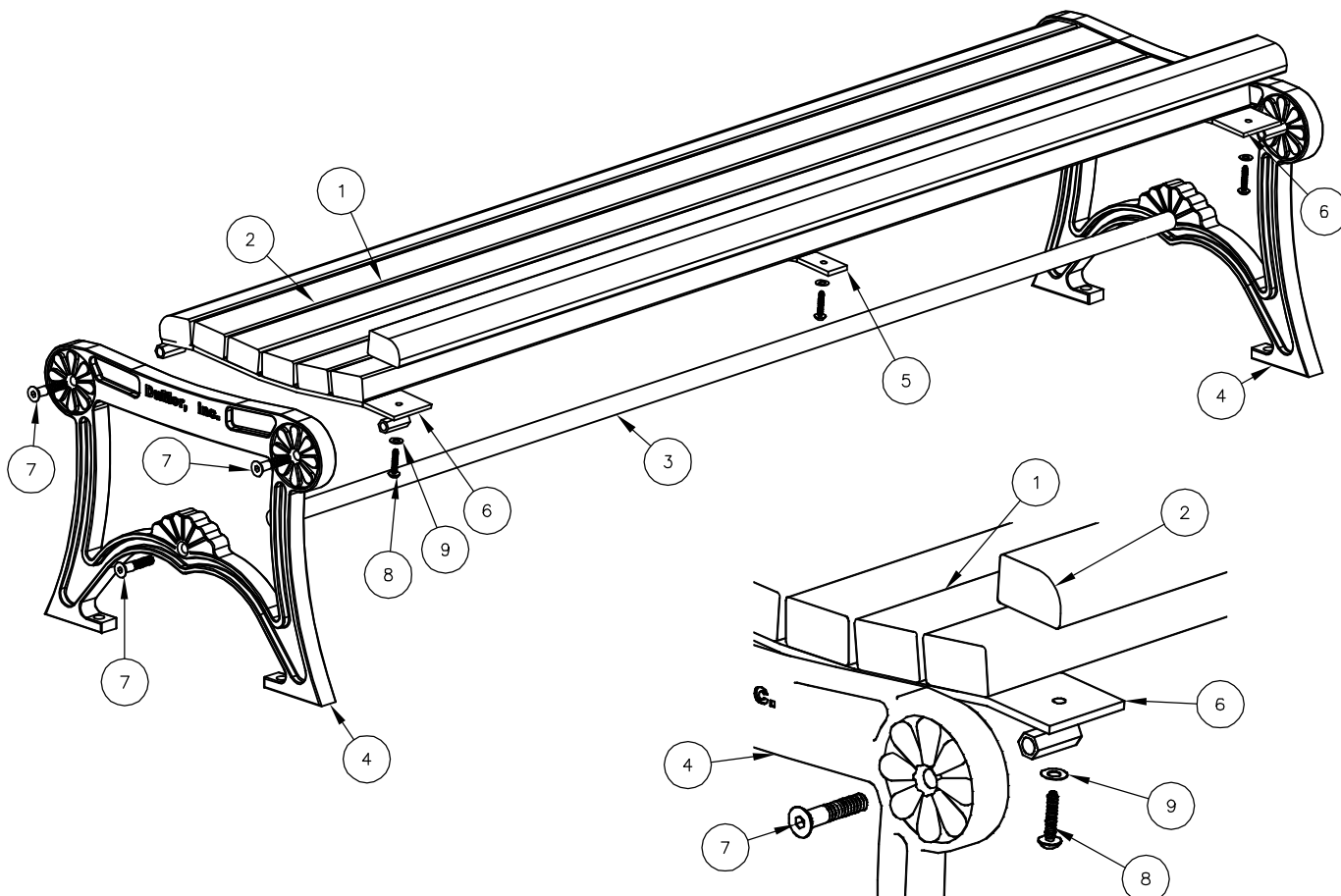
BENCH

REV.
D

DRAWING
NUMBER

91 SERIES

SHEET
1 OF 2



NOTE:

- 1.) DURING ASSEMBLY PROCEDURE;
DO NOT COMPLETELY TIGHTEN HARDWARE.
- 2.) THE ACTUAL PARTS WILL NOT BE NUMBERED;
NUMBERS ONLY APPLY TO DRAWING.

STEP 1:

USE 2 - PCS. CAST IRON BENCH SUPPORT (4)
1 - PC. 71 3/4" PIPE BRACE (3)
2 - PCS. 1/2" X 2 1/2" FLT. SKT. HD. CAP SCR. (7)
ATTACH CAST IRON BENCH SUPPORTS (4) TO 71 3/4" PIPE
BRACE (3) USING HARDWARE (7). TIGHTEN TO SNUG FIT.

STEP 2:

USE 2 - PCS. END STRAP (6)
4 - PCS. 1/2" X 2 1/2" FLT. SKT. HD. CAP SCR. (7)
ATTACH END STRAP (6) TO STEP 1 ASSEMBLY USING HARDWARE
(7). TIGHTEN TO SNUG FIT.

STEP 3:

USE 5 - PCS. 2" X 3" X 71" WOOD INT'R SLAT (1)
2 - PCS. 2" X 3" X 71" WOOD EDGE SLAT (2)
14 - PCS. 5/16" X 1 1/2" SS. BTN. SKT. HD. LAG (8)
14 - PCS. 5/16" SS. FLAT WASHER (9)
ATTACH INT'R SLATS (1) & EDGE SLATS (2) TO STEP 2
ASSEMBLY USING HARDWARE (8 & 9). TIGHTEN TO SNUG
FIT. REPEAT UNTIL ALL SLATS ARE ATTACHED.

DETAIL A

STEP 4:

USE 1 - PC. CENTER STRAP (5)
7 - PCS. 5/16" X 1 1/2" SS. BTN. SKT. HD. LAG (8)
7 - PCS. 5/16" SS. FLAT WASHER (9)
ATTACH CENTER STRAP (5) TO STEP 3 ASSEMBLY USING
HARDWARE (8 & 9). TIGHTEN TO SNUG FIT.

STEP 5:

UPON COMPLETION OF BENCH ASSEMBLY SQUARE ALL
COMPONENTS THEN TIGHTEN ALL HARDWARE.

STEP 6:

MOUNT AND ANCHOR AS SPECIFIED.

ITEM	QTY	PART NO	DESCRIPTION
1	5	0-57-60-01	2" X 3" X 71" WOOD INT'R SLAT
2	2	0-57-60-02	2" X 3" X 71" WOOD EDGE SLAT
3	1	0-57-60-04	71 3/4" PIPE BRACE
4	2	0-91-00-02	BKLESS CAST IRON BNCH SUPT
5	1	0-91-00-03	CENTER STRAP
6	2	0-91-00-04	END CONTOUR STRAP
7	6	1-12-065	1/2" X 2 1/2" FLT SKT HD CAP SCR
8	21	1-13-023	5/16" X 1 1/2" SS BTN SKT HD LAG
9	21	1-22-017	5/16" SS FLAT WASHER

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SCALE : NONE
DATE DRAWN : 10/18/98
DRAWN BY : AH
DATE REV. : 10/27/11
REV. BY : RDH

TITLE : BENCH ASSEMBLY

REV.
D

DRAWING
NUMBER

91 SERIES

SHEET
2 OF 2

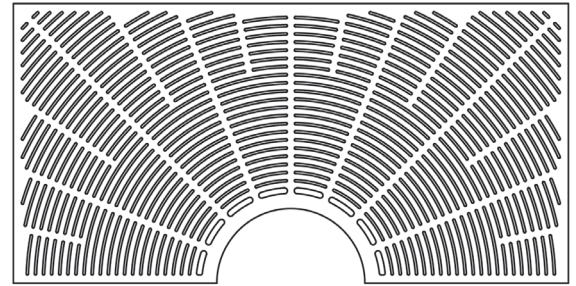
BOULEVARD COLLECTION

SQUARE

SERIES NO.	GRATE SIZE	AVAILABLE TREE OPENING SIZES	SLOT SIZE
R-8708	48" x 48"	16", 20", 24" dia.	0.25"
R-8713	60" x 60"	16", 18", 24", 36" dia.	0.25"
R-8716	72" x 72"	16", 36" dia.	0.375"

DETAILS

- Available with light openings: R-8708, R-8713, R-8716
- R-8713 available without tree opening



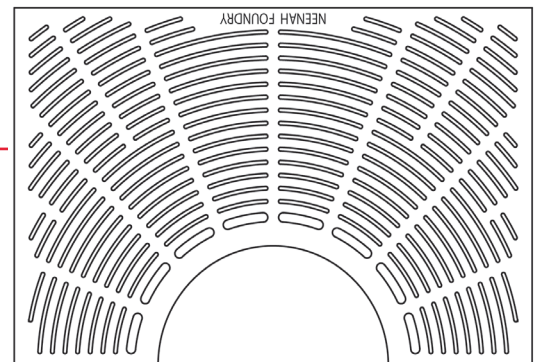
R-8713

RECTANGLE

SERIES NO.	GRATE SIZE	AVAILABLE TREE OPENING SIZES	SLOT SIZE
R-8811	48" x 72"	12", 16", 18", 22", 24" dia.	0.25"
R-8814-A	36" x 48"	16" dia.	0.25"

DETAILS

- Available with light openings: R-8811, R-8814-A



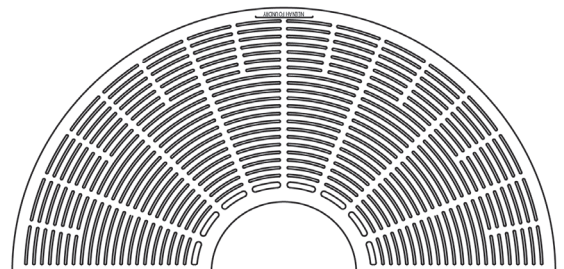
R-8814-A

CIRCLE

SERIES NO.	GRATE SIZE	AVAILABLE TREE OPENING SIZES	SLOT SIZE
R-8832-A	48" round	16", 20" dia	0.25"
R-8838-A	60" round	16", 18", 24" dia.	0.25"

DETAILS

- Available with light openings: R-8832-A, R-8838-A



R-8838-A